

From: [Waage, Kelsey J.](#)
To: [Sheldrake, Sean](#); [Zhen, Davis](#)
Cc: [Vickstrom, Kyle E.](#); younghs@cdmsmith.com; [Scott Coffey](#)
Subject: Re: Portland Harbor Surface Water Sampling - Cayuse Vessel
Date: Wednesday, August 22, 2018 6:07:01 PM
Attachments: [Image-3.png](#)
[Image.png](#)
[Image.png](#)
[Image-3.png](#)
[Image.png](#)

Hi Sean and Davis,


I had a follow up comment regarding the latest photo I sent of the sampling equipment. The crew was not wearing a hard hat during the work. However, I have made sure they will be donning hard hats when working under the boom with the sampling equipment.

Thanks,
Kelsey

Get [Outlook for iOS](#)

From: Waage, Kelsey J.
Sent: Wednesday, August 22, 2018 4:59:03 PM
To: sheldrake.sean@epa.gov; zhen.davis@epa.gov
Cc: Vickstrom, Kyle E.; Young, Howard S.; Coffey, Scott
Subject: Re: Portland Harbor Surface Water Sampling - Cayuse Vessel
Hi Sean and Davis,

They are starting on the 4th of the 5th subsample location. The flow rate has been around 0.7-0.9 L/min. Please see attached photo of set up at TO4Nav location.

Thanks,
Kelsey 

Get [Outlook for iOS](#)

From: Waage, Kelsey J.
Sent: Wednesday, August 22, 2018 11:13:29 AM
To: sheldrake.sean@epa.gov; zhen.davis@epa.gov
Cc: Vickstrom, Kyle E.; Young, Howard S.; Coffey, Scott
Subject: Re: Portland Harbor Surface Water Sampling - Cayuse Vessel
Hi Sean and Davis,

We are about to wrap up at Transect 4E and move to Transect 4Nav. Please see attached photos of a filter change and a spent filter. They went through 4 filters and the start of a 5th at this location.

Thanks,

Kelsey



Get [Outlook for iOS](#)

From: Waage, Kelsey J.

Sent: Wednesday, August 22, 2018 8:51:49 AM

To: sheldrake.sean@epa.gov; Zhen.Davis@epa.gov

Cc: Vickstrom, Kyle E.; Young, Howard S.; Coffey, Scott

Subject: Portland Harbor Surface Water Sampling - Cayuse Vessel

Hi Sean and Davis,

The Cayuse vessel has started pumping water at Transect 4 (RM7). They had to anchor onto the shore because they were unable to get a good hold in this area yesterday. Please see photos of anchor location and sampling tubes/wires.



Thanks,
Kelsey

Get [Outlook for iOS](#)